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XAV-622

XAV-622 AV Receiver

Whether it's your daily commute or the road trip of a lifetime, the Sony® XAV-622 A/V Receiver delivers best-in-class performance with Internet Radio Ready[5] and USB connectivity at an affordable price. With Sattelite[3]/HD Radio™[4] options and dedicated rear camera input (XA-800C camera sold separately) to ensure your car is as connected as you are.

Bullets

- Double DIN A/V Receiver with 6.1" touch screen display[6]
- Front USB and auxiliary inputs for most music devices
- USB 1-Wire for most iPod®, iPhone® & USB music players[2]
- Intuitive ZAPPIN™ and Jump Mode search features
- SensMe™ app creates music channels for your mood
- Plays DVDs/CDs and multiple digital music files
- Advanced Sound Engine with EQ7 and 52 Watts High Power
- Satellite radio[3]/HD Radio™[4] ready using Sony® Bus
- 2V front and rear/sub selectable pre-amp outputs
- iPod® audio/video playback via optional RC-202IPV cable[2]
- Rear View Camera Compatible
- Radio Data System

Features

6.1" Touch Screen Display[6]

High-resolution TFT (WVGA) 6.1" touch screen display[6] that will inform and entertain you, making everything easier to control with gesture command and on-screen touch buttons. Separate audio and video power supply circuits provide added clarity.

Front USB and auxiliary inputs

Front auxiliary and USB inputs let you connect almost any portable audio device to your vehicle's sound system.

USB 1-Wire Connectivity

Connect, charge, and control your Walkman® player, most iPod®/iPhone® devices,[2] or other compatible USB devices via the USB 1-Wire jack on the front of the unit. You can also view metadata like song title and artist on the front display.

Intuitive Search Features

Use Jump Mode to fast forward through a category in 10% increments while the ZAPPIN™ feature can play 6, 15, or 30 second intro clips to help you find a specific song.

SensMe™ App Music Channels

SensMe™ application can organize your music into playlists that perfectly match your mood, scene and location, making it easier to choose the music that fits the moment.

Plays DVDs/CDs and digital files[1]

Multi-format playback[1] lets you play MP3, WMA, AAC music files, JPEG's or MP4 videos.

Advanced Sound Engine with EQ7

The Advanced Sound Engine uses EQ7 equalizer, adjustable LPF/HPF crossovers, Listener Position calibration, Center Speaker Organizer, Rear Bass Enhancer, and Dynamic Loudness volume leveler to create an ideal in-car listening environment.

Satellite Radio[3]/HD Radio™[4] Ready

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The XAV-622 integrates seamlessly with Satellite Radio[3] and HD Radio™[4] using Sony® Bus adaptors so you can receive digital satellite radio or HD Radio broadcasts.

High-powered Expansion

Whether using the internal 52W x 4 high power amplifier for your speakers or the 2 Volt Front and Rear/Sub selectable RCA pre-amp outputs to feed an external amplifier, you can dial in the output for optimum sound.

iPod®[2] audio/video playback

Supports audio/video playback on most iPod®/iPhone® models via RC-202IPV video cable (sold separately).[2]

Rear View Camera Compatible

Connect the Sony® XA-800C rear view camera (sold separately) for peace of mind when backing up, especially with larger trucks or SUVs.

Radio Data System

Radio Data System (RDS) feature displays radio broadcast information such as artist and track information when listening to compatible AM/FM stations.

Specifications

Amplifier Section	
Max power output	52 watts x 4 at 4 ohms
Speaker Impedance	4-8 Ohms
Audio	
Band	AM / FM
Digital-to-Analog Converter	24bit
Equalizer	EQ7: 7 band EQ with +/- 6 dB adjustment at: 63, 160, 400, 1000, 2500, 6300 and 16000 Hz
Format(s) Supported	MP3/WMA/AAC/JPEG/MP4/XviD files[1]
Frequency Response	DVD / CD: 10-20,000 Hz
Preout Impedance	220 ohms
Preout Voltage	2 volt
S/N Ratio	Audio Power: CEA2006 S/N 80 dBA
Signal-to-Noise Ratio (dB)	DVD/CD Player: 120dB
Station Preset(s)	18 FM / 12 AM
Tuner Frequency Range	FM: Tuner Frequency Range(MHz): 87.5-107.9 AM: Tuner Frequency Range(kHz): 530-1710
Tuner Type	SSIR-EXA with RDS
Volume Control	Tel/Nav Attenuation Circuitry
Wow and Flutter	Below measurable limit
Convenience	
Tilt Range	0-45° mounting angle
Convenience Features	
CD Text Display	CD/MP3/WMA/AAC data displayed
Dimmer Adjust	Selectable Auto/on/off
Key Illumination	White Key Illumination
On-Screen Clock	12H
Display	
Technology	TFT (WVGA)
Text Displayed	Source, artist, track, playback time, menu and clock

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General	
Color	Black
Inputs and Outputs	
12V Trigger Output(s)	Power antenna Amplifier turn on
Antenna Terminal(s)	AM/FM Antenna Input Terminal
Audio/Video Input(s)	1 AUX audio/video input Rear camera with reverse input trigger
Audio In	Front Aux in with variable level Front USB input Sony Bus terminal
Digital Audio Input(s)	-Ability to use all forms of USB devices may vary as not all devices are compatible. -This unit can be connected to the following iPods. Update your iPod to the latest software before you use it. -iPod Nano 1st generation* -iPod Nano 2nd generation (aluminum) -iPod Nano 3rd generation (video) -iPod 5th generation (video)* -iPod Classic -iPod Touch -iPhone -This unit is compliant with MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard. -This unit cannot recognize USB devices via a USB hub. -If you have any questions or problems concerning your unit that are not covered in the owners manual, consult your nearest Sony dealer.
Infrared Port	Wireless remote
RCA Audio Output(s)	Front and Rear/Sub selectable RCA pre-amp outputs
Remote Jack	Optional wired remote terminal
USB Port(s)	Front USB - Full Speed
Power	
Current Drain	5 - 7 amps
Input Voltage	12 V DC car battery (negative ground)
Output Power	52W x4 Watts Max Power - CEA2006 Standard Power Output: 17 Watts RMS per channel into 4 Ohms, 4 channels driven from 20 Hz to 20 kHz with less than 1% THD+N.
Tuner	
FM Usable Sensitivity	10 dBf
Frequency Response	FM: 20-15,000 Hz
S/N Ratio	70 dB (mono)
Selectivity	75 dB at 400 kHz
Stereo Separation	40 dB at 1 KHz
Video	
Panel Type	6.1" TFT Active Matrix LCD Color Monitor
Picture Modes	Normal, Wide, Full and Zoom
Resolution	800 x 480
Video Features	
Color System	NTSC / PAL / SECAM / PAL-M
Weights and Measurements	
Dimensions (Approx.)	7.125 x 4 x 6.75" (w/h/d) 178 x 100 x 170 mm (w/h/d)

Dimensions (Approx) Depth	6.75" (170mm)
Dimensions (Approx) Height	4" (100mm)
Dimensions (Approx) Width	7.125" (178mm)
Weight (Approx.)	4 lb. 3 oz. (1.9 kg)
Accessories	
Optional Accessories	Aux-in selector: XA-300 iPod® video cable: RC- HD Radio™ tuner: XT-100HD Rear View Camera: XA-R800C Mobile Monitor: XVM-B62 Wireless car remore: RM-X170
Supplied Accessories	Parts for installation and connections (1 set) CD-ROM (application disc)

1. Not all files may play back due to file variations. Copy-protected ACC-LC files not supported.

2. Compatible with iPod® with video, iPod Classic®, iPod nano® 1st through 5th gen., iPod Touch® 1st & 2nd gen., iPhone®, iPhone 3G, and iPhone 3GS. Passenger control not available for iPod nano 1st gen. or iPod with video.

3. Requires satellite radio tuner and service subscription, sold separately.

4. Requires XT-100HD HD Radio™ tuner, sold separately.

5. Requires Internet radio-enabled smartphone or device with Bluetooth® streaming capability, USB 1-wire, or 1/8" mini connection.

6. Viewable area measured diagonally.

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